

What is claimed is:

1. A media driving apparatus for moving an optical pickup in a radial direction of a disc-shaped media arranged on a turn table,
5 comprising:

a base plate;

a screw axis and a guide axis which are provided in parallel to the base plate and support both sides of the pickup, in which the optical pickup moves in the radial direction of the disc-shaped media
10 based on a rotation of the screw axis;

a driving source which applies a rotation driving force to the screw axis;

a driven gear which is provided in a first end portion side of the screw axis, and provided for obtaining the rotation driving force
15 from the driving source;

a bearing in which the screw axis is rotatably fitted to a second end portion side of the screw axis;

a first supporting portion which is mounted to the base plate and supports the first end portion side of the screw axis;

20 a second supporting portion which is mounted to the base plate and supports the second end portion side of the screw axis;

a first elastic member which is mounted to the first supporting portion and presses the screw axis in an axial direction of the turn table;

25 a second elastic member which is mounted to the second supporting portion and presses the screw axis in the axial direction of the turn table via the bearing; and

a tilt adjusting screw which is opposed to the second elastic member with respect to the bearing, wherein

30 the bearing is displaced between the tilt adjusting screw and the second elastic member by operating the tilt adjusting screw so as to rotate, and a tilt of the screw axis is changed with respect to the information recording surface of the disc-shaped media in correspondence to an amount of displacement of the bearing.

2. A media driving apparatus according to claim 1, wherein the axial direction in which the first elastic member presses is an opposite direction to the axial direction in which the second elastic member
5 presses.

3. A media driving apparatus according to claim 2, wherein the axial direction in which the first elastic member presses is a direction moving close to the disc-shaped media arranged on the turn table, and
10 the axial direction in which the second elastic member presses is a direction moving apart from the disc-shaped media arranged on the turn table.